NOTES:
1. THESE ARE FINISHED DIMENSIONS READY FOR THE LINER.
2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
3. ROPE AND FLOAT ASSEMBLY SHOULD BE INSTALLED IN ACCORDANCE WITH CURRENT ANSI/ASPS/ICC REGULATIONS
4. HYDRA LINER TRACK FOR STEPS IS INSTALLED WITH THE BARB FACING THE RISER WALL ON THE STEP.

EXCAVATION NOTES:
5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
6. SOIL TO HAVE MINIMUM BEARING CAPACITY OF 1500 PSF.
7. LOCATE TOP OF POOL AT LEAST 6" ABOVE THE SURROUNDING LAND ELEVATION.
8. SEE "OVER DIG DETAIL" FOR EXCAVATION AROUND POOL.
9. FILL VOIDS UNDER BASE OF PANELS AND TAMP WELL.
10. BACK FILL WITH NON-EXPANSIVE MATERIAL.
11. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS

IMPORTANT NOTES:
THIS DOCUMENT IS FOR ILLUSTRATIVE PURPOSES ONLY. THE DEALER OR CONTRACTOR WHO SELLS OR INSTALLS YOUR POOL IS AN INDEPENDENT CONTRACTOR AND IS NOT AN AGENT OF THE MANUFACTURER. THE CONSTRUCTION METHODS ILLUSTRATED HERE ARE SUGGESTIONS AND APPLY ONLY TO NORMAL GROUND CONDITIONS. THERE MAY BE ADDITIONAL PRECAUTIONS AND/OR METHODS OF CONSTRUCTION. PROPER INSTALLATION IS THE RESPONSIBILITY OF THE DEALER/BUILDER/CONTRACTOR.

ITEM FILE NAME DESCRIPTION CUSTOMER VENDOR PART # QTY
1 BOLT, PACK BOLT, FLANGE, 3/8-16 X 1", PACK (50) HPS1916 HPS1916 6
2 SBRACE BRACE, FOLD OVER WITH TURNBUCKLE, STEEL, HPSFOB HPSFOB HPSFOB 24
3 PANEL, STRAIGHT PANEL, 1' LONG, 600 SERIES HPSD101P 00000621 2
4 PANEL, STRAIGHT PANEL, 2' LONG, 600 SERIES HPSD102P 00000639 4
5 PANEL, RADIUS PANEL, 2' RADIUS, 3-2" LONG, 600 SERIES HPSD2R 00000287 6
6 PANEL, RR PANEL, 2' REVERSE RADIUS, 3'-1 3/4" LONG, 600 SERIES HPSD2RR 00000288 2
7 PANEL, STRAIGHT PANEL, 5' LONG, 600 SERIES HPSD105P 00000674 2
8 PANEL, STRAIGHT PANEL, 7' LONG, 600 SERIES HPSD107P 00000701 1
9 PANEL, STRAIGHT PANEL, 7' LONG, INLET, 600 SERIES HPSD107I 00000699 2
10 PANEL, STRAIGHT PANEL, 8' LONG, 1084, 600 SERIES HPSD10884 00000706 2
11 PANEL, STRAIGHT PANEL, 8' LONG, INLET, 600 SERIES HPSD108I 00000701 2
12 PANEL, STRAIGHT PANEL, 8' LONG, LIGHT, 600 SERIES HPSD108L 00000701 1
13 HS110N STEP, 8', TWIN SEAT, 4 TREAD HS110N HS110N 1

HYDRA POOLS


MATERIAL:

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED
TOLERANCES: X ± .001 XX ± .01 XXX ± .010 XXXX ± .005
ANGULAR: X ± 0.5 THIRD ANGLE PROJECTION

DESIGNED BY: BUMPHREY 02/08/2016
DETAILED BY: BUMPHREY 01/29/2016
LAST REVISED BY: bumphey 01/18/2018

TITLE: LAYOUT, 14' X 31' X 26', 2' RADIUS, TEE, 6' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

PART NUMBER: 00017144
SCALE: 01/128
MATERIAL: 1 OF 3
Area: 598.57ft $^2$
Perimeter: 107.13ft
Volume = 17549 US gallons

NOTES:
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2. DIMENSIONS ARE FROM INSIDE POOL PANELS.
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5. ROUGH EXCAVATION SHOULD BE 2" DEEPER IN EACH INSTANCE.
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9. FILL Voids UNDER BASE OF PANELS AND TAMp WELL.
10. BACK FILL WITH NON-EXPANSIVE MATERIAL.
11. FOLLOW ALL CURRENT ANSI / APSP / ICC GUIDELINES FOR RESIDENTIAL POOLS.

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NON-DIVING
DIVING EQUIPMENT PROHIBITED

HYDRA POOLS

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

TOLERANCES:
DECIMALS: X ± 0.001
XX ± 0.005
XXX ± 0.01
XXXX ± 0.005

ANGULAR: X ± 0.5

THIRD ANGLE PROJECTION

ENGINEERING DRAWING NUMBER: 00017144

UNLESS OTHERWISE SPECIFIED

MATERIAL: BUMPHREY

DESIGNED BY: BUMPHREY

CREATION DATE: 2/8/2016

LAST REVISED DATE: 1/8/2018

PART NUMBER: 00017144

HYDRA POOLS

LAYOUT, 14' X 31' X 26', 2' RADIUS, TEE, 6' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

REV. LEVEL: A

REV. DATE: JULY 29, 2015

DOCUMENT ID: CF7308, ANSI A-LANDSCAPE

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

TOLERANCES:
DECIMALS: X ± 0.001
XX ± 0.005
XXX ± 0.01
XXXX ± 0.005

ANGULAR: X ± 0.5

THIRD ANGLE PROJECTION

ENGINEERING DRAWING NUMBER: 00017144

UNLESS OTHERWISE SPECIFIED

MATERIAL: BUMPHREY

DESIGNED BY: BUMPHREY

CREATION DATE: 2/8/2016

LAST REVISED DATE: 1/8/2018

PART NUMBER: 00017144

HYDRA POOLS

LAYOUT, 14' X 31' X 26', 2' RADIUS, TEE, 6' DEEP, HS110N, LIGHT, 2-1084, 3-INLET, 600 SERIES

REV. LEVEL: A

REV. DATE: JULY 29, 2015

DOCUMENT ID: CF7308, ANSI A-LANDSCAPE